

## PCT COOPERATION TREATY

PCT

## NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Commissioner  
 US Department of Commerce  
 United States Patent and Trademark  
 Office, PCT  
 2011 South Clark Place Room  
 CP2/5C24  
 Arlington, VA 22202  
 ETATS-UNIS D'AMERIQUE

in its capacity as elected Office

<b>Date of mailing (day/month/year)</b> 06 March 2001 (06.03.01)	
<b>International application No.</b> PCT/US00/03585	<b>Applicant's or agent's file reference</b> 770P009588WO
<b>International filing date (day/month/year)</b> 11 February 2000 (11.02.00)	<b>Priority date (day/month/year)</b> 04 March 1999 (04.03.99)
<b>Applicant</b> BROOKNER, George, M. et al	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:

02 October 2000 (02.10.00)

☐ in a notice effecting later election filed with the International Bureau on:
2. The election ☒ was
☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO  
 34, chemin des Colombettes  
 1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer

Antonia Muller

Telephone No.: (41-22) 338.83.38

# PATENT COOPERATION TREATY

From the  
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

## PCT

### NOTIFICATION OF TRANSMITTAL OF INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Rule 71.1)

To: CLARENCE A. GREEN  
425 POST ROAD  
FAIRFIELD, CONNECTICUT 06430

Date of Mailing  
(day/month/year)

**31 AUG 2001**

Applicant's or agent's file reference

770P009588WO

#### IMPORTANT NOTIFICATION

International application No.

PCT/US00/03585

International filing date (day/month/year)

11 FEBRUARY 2000

Priority Date (day/month/year)

04 MARCH 1999

Applicant

ASCOM HASLER MAILING SYSTEMS, INC.

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.
4. **REMINDER**

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices)(Article 39(1))(see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/US  
Commissioner of Patents and Trademarks  
Box PCT  
Washington, D.C. 20231

Facsimile No. (703) 305-3230

Authorized officer

EDWARD R COSIMANO

Telephone No. (703) 308-9783

*Peggy Harwood*

# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 770P009588WO	FOR FURTHER ACTION      See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/US00/03585	International filing date (day/month/year) 11 FEBRUARY 2000	Priority date (day/month/year) 04 MARCH 1999
International Patent Classification (IPC) or national classification and IPC IPC(7): G06F 17/60 and US Cl.: 705/30; 705/34, 400, 412		
Applicant ASCOM HASLER MAILING SYSTEMS, INC.		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 7 sheets.  
☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority. (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).  
 These annexes consist of a total of 0 sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☒ Non-establishment of report with regard to novelty, inventive step or industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☒ Certain defects in the international application
- VIII ☒ Certain observations on the international application

Date of submission of the demand  02 OCTOBER 2000	Date of completion of this report  04 AUGUST 2001
Name and mailing address of the IPEA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231  Facsimile No. (703) 305-3230	Authorized officer <div style="text-align: right;"><i>Peggy Harwood</i></div> EDWARD R COSIMANO  Telephone No. (703) 308-9783

## I. Basis of the report

## 1. With regard to the elements of the international application:\*

☒ the international application as originally filed☒ the description:

pages 1-18, as originally filed  
pages NONE, filed with the demand  
pages NONE, filed with the letter of

☒ the claims:

pages 19-26, as originally filed  
pages NONE, as amended (together with any statement) under Article 19  
pages NONE, filed with the demand  
pages NONE, filed with the letter of

☒ the drawings:

pages 1-5, as originally filed  
pages NONE, filed with the demand  
pages NONE, filed with the letter of

☒ the sequence listing part of the description:

pages NONE, as originally filed  
pages NONE, filed with the demand  
pages NONE, filed with the letter of

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.  
These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).  
☐ the language of publication of the international application (under Rule 48.3(b)).  
☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in printed form.  
☐ filed together with the international application in computer readable form.  
☐ furnished subsequently to this Authority in written form.  
☐ furnished subsequently to this Authority in computer readable form.  
☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.  
☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☒ The amendments have resulted in the cancellation of:

- ☒ the description, pages None  
☒ the claims, Nos. None  
☒ the drawings, sheets/fig None

5. ☐ This report has been drawn as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\*

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

\*\*Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

**III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability**

1. The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially applicable have not been and will not be examined in respect of:

☐ the entire international application.

☒ claims Nos. 40

because:

☐ the said international application, or the said claim Nos. \_ relate to the following subject matter which does not require international preliminary examination (*specify*).

☐ the description, claims or drawings (*indicate particular elements below*) or said claims Nos. \_ are so unclear that no meaningful opinion could be formed (*specify*).

☒ the claims, or said claims Nos. 40 are so inadequately supported by the description that no meaningful opinion could be formed.

☐ no international search report has been established for said claims Nos. \_.

2. A meaningful international preliminary examination cannot be carried out due to the failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions:

☐ the written form has not been furnished or does not comply with the standard.

☐ the computer readable form has not been furnished or does not comply with the standard.

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. statement**

Novelty (N)	Claims	<u>(Please See supplemental sheet)</u>	YES
	Claims	<u>(Please See supplemental sheet)</u>	NO
Inventive Step (IS)	Claims	<u>(Please See supplemental sheet)</u>	YES
	Claims	<u>(Please See supplemental sheet)</u>	NO
Industrial Applicability (IA)	Claims	<u>(Please See supplemental sheet)</u>	YES
	Claims	<u>(Please See supplemental sheet)</u>	NO

**2. citations and explanations (Rule 70.7)**

1. Claims 1, 8, 11, 16, 17, 20, 21, 29, 36, 39, 45, 46, 49 & 50 lack novelty under PCT Article 33(2) as being anticipated by either Farnsworth et al (EP 0048746) or Swarztrauber et al (4,783,748) or Sollinger (4,811,011) or Meschi (5,142,566 or 5,173,935) or Bonnet et al (5,197,095) or Nagase (JP 05-136903).

1.1 In regard to claims 1, 11, 20, 29, 39 & 49, any one of either Farnsworth et al (EP 0048746) or Swarztrauber et al ('748) or Sollinger ('011) or Meschi ('566 or '935) or Bonnet et al ('095) or Nagase (JP 05-136903) disclose a metering system. In these systems the user's consumption of a metered supply of a sellable item is measured. The measured values of the user's consumption are then stored as data records in these system. Periodically, in these systems the stored consumption values, i.e. records, are then transmitted over a communications link to a central location with an indication of the time that applies to the data, records, i.e. billing period. At the central location the transmitted data records are used to prepare a bill for the user's consumption of the metered sellable item.

1.2 In regard to claims 8, 17, 21, 36, 46 & 50, the metered sellable item is an utility, e.g. water, gas, electricity, etc.

1.3 In regard to claims 16 & 45, the number of stored record is related to the measurement intervals and the number of monitored sellable items, i.e. one record per measurement interval per monitored, sellable item.

2. Claims 1, 3-7, 9-15, 18, 19, 20, 22, 26-29, 31-35, 37-39, 41-44, 47-49, 51 & 55 lack novelty under PCT Article 33(2) as being anticipated by Liechti et al (5,715,164).

2.1 In regard to claims 1, 3-7, 11-15, 20, 22, 26-29, 31-35, 39, 41-44, 51 & 55, Liechti et al ('164) discloses a postage meter system. In the postage metering system of Liechti et al ('164) the user's consumption of postage is monitored and recorded. The monitored consumption of postage on per transaction basis is then stored as data records in this system. Periodically, in the (Continued on Supplemental Sheet.)

**VII. Certain defects in the international application**

The following defects in the form or contents of the international application have been noted:

1. The drawings are objected to under PCT Rule 66.2(a)(iii) as containing the following defect(s) in the form or content thereof:
  - 1.1 The drawings lack reference numbers "236a" and "236b" as disclosed at page 7.
  - 1.2 The drawings lack reference numbers "238a" and "238b" as disclosed at pages 7, 13 & 14.
  - 1.3 Fig. 9 uses reference number "903" twice to designate different features of the invention, note page 15 which describes fig. 9 and mentions this reference number.
  - 1.4 The subject matter of claim 40 is not depicted in the drawings.
2. The description is objected to as containing the following defect(s) under PCT Rule 66.2(a)(iii) in the form or contents thereof:
  - 2.1 Applicant should submit copies of the prior art articles mentioned on pages 1, 2 & 7.
  - 2.2 As can be seen in fig. 9, at page 15, line 34, "833" should be --933--.
  - 2.3 The disclosure lacks an explicit reference to number 933 of fig. 9 at page 15, line 34.
  - 2.4 As can be seen in fig. 10, at page 17, line 30, "950" should be --850--.
  - 2.5 The disclosure lacks a statement of --WE claim:--.

**VIII. Certain observations on the international application**

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

1. Claim 40 is objected to as lacking clarity under PCT Rule 66.2(a)(v) because practice of the claimed invention is not adequately described in writing, as required under PCT Rule 5.1(a)(iii), for the reasons set forth in the immediately preceding paragraph.
- 1.1 Claim 40 lacks antecedent basis with in the disclosed for the claimed subject matter.
2. Claims 1-10 are objected to under PCT Rule 66.2(a)(v) as lacking clarity under PCT Article 6 because the claims 1-10 are indefinite for the following reason(s):
  - 2.1 Claims 1-10 fail to accomplish the desired result of account as recited in the preamble of claim 1, since these claims merely recite (a) a memory for storing and providing a consumption value; (b) a processor for forming records including a time stamp and consumption values; and (c) a means for transmission of the record based on the time stamp. However, it can not be seen how these three steps can be considered as accounting for the consumption of a resource with in the normal meaning of the word accounting.



**Supplemental Box**

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: Boxes I - VIII

Sheet 10

**V. 1. REASONED STATEMENTS:**

The report as to Novelty was positive (YES) with respect to claims 2-7, 9, 10, 12-15, 18, 19, 22-28, 30-35, 37, 38, 41-44, 47, 48 & 51-55.

The report as to Novelty was negative (NO) with respect to claims 1, 8, 11, 16, 17, 20, 21, 29, 36, 39, 45, 46, 49 & 50.

The report as to Inventive Step was positive (YES) with respect to claims 2, 23-25, 30 & 52-54.

The report as to Inventive Step was negative (NO) with respect to claims 1, 3-22, 26-29, 31-39, 41-51 & 55.

The report as to Industrial Applicability was positive (YES) with respect to claims 1-39 & 41-55.

The report as to Industrial Applicability was negative (NO) with respect to claims None.

**V. 2. REASONED STATEMENTS - CITATIONS AND EXPLANATIONS (Continued):**

postage metering system of Liechti et al ('164) the stored consumption values, i.e. records, are transmitted over a communications link to a central location with an indication of the time that applies to the data, records, i.e. the time that the postage was consumed. At the central location the transmitted data records are used to prepare a bill for the user's consumption of postage.

2.2 In regard to claims 9, 10, 18, 19, 37, 38, 47 & 48, Liechti et al ('164) discloses the use of encryption to sign the consumption data so as to authenticate the transmitted consumption data.

3. Claims 2, 23-25, 30 & 52-54 meet the criteria set out in PCT Article 33(2)-(4), because the prior art does not teach or fairly suggest:

A) in regard to claims 2 & 30 the inclusion a truncation indicator in each of the measures value records.

B) in regard to claims 23-25 & 52-54, the monitoring of different consumable items, that is, postage and different utilities, e.g. water, gas, electricity, etc.

----- NEW CITATIONS -----

NONE

# PATENT COOPERATION TREATY

MAR 30 2001

From the  
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To: CLARENCE A. GREEN  
425 POST ROAD  
FAIRFIELD, CONNECTICUT 06430

**PCT** CLARENCE A. GREEN

## WRITTEN OPINION

(PCT Rule 66)

Date of Mailing  
(day/month/year)

27 MAR 2001

Applicant's or agent's file reference

770P009588WO

REPLY DUE

within TWO months  
from the above date of mailing

International application No.

PCT/US00/03585

International filing date (day/month/year)

11 FEBRUARY 2000

Priority date (day/month/year)

04 MARCH 1999

International Patent Classification (IPC) or both national classification and IPC  
IPC(7): G06F 17/60 and US Cl.: 705/30; 705/34, 400, 412

Applicant

ASCOM HASLER MAILING SYSTEMS, INC.

1. This written opinion is the first (first, etc.) drawn by this International Preliminary Examining Authority.

2. This opinion contains indications relating to the following items:

- I ☒ Basis of the opinion
- II ☐ Priority
- III ☒ Non-establishment of opinion with regard to novelty, inventive step or industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☒ Certain defects in the international application
- VIII ☒ Certain observations on the international application

3. The applicant is hereby invited to reply to this opinion.

**When?** See the time limit indicated above. ~~The applicant may, before the expiration of that time limit, request this Authority to grant an extension, see Rule 66.2(d).~~

**How?** By submitting a written reply, accompanied, where appropriate, by amendments, according to Rule 66.3. For the form and the language of the amendments, see Rules 66.8 and 66.9.

**Also** For an additional opportunity to submit amendments, see Rule 66.4.  
For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4 *bis*.  
For an informal communication with the examiner, see Rule 66.6.

If no reply is filed, the international preliminary examination report will be established on the basis of this opinion.

4. The final date by which the international preliminary examination report must be established according to Rule 69.2 is: 04 JULY 2001

Name and mailing address of the IPEA/US  
Commissioner of Patents and Trademarks  
Box PCT  
Washington, D.C. 20231

Facsimile No. (703) 305-3230

Authorized officer

EDWARD R COSIMANO

Telephone No. (703) 308-9783

## I. Basis of the opinion

## 1. With regard to the elements of the international application:\*

☒ the international application as originally filed☒ the description:

pages 1-18

pages NONE

pages NONE

, as originally filed

, filed with the demand

, filed with the letter of

☒ the claims:

pages 19626

pages NONE

pages NONE

pages NONE

, as originally filed

, as amended (together with any statement) under Article 19

, filed with the demand

, filed with the letter of

☒ the drawings:

pages 1-5

pages NONE

pages NONE

, as originally filed

, filed with the demand

, filed with the letter of

☒ the sequence listing part of the description:

pages NONE

pages NONE

pages NONE

, as originally filed

, filed with the demand

, filed with the letter of

## 2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:

☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).☐ the language of publication of the international application (under Rule 48.3(b)).☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

## 3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the written opinion was drawn on the basis of the sequence listing:

☐ contained in the international application in printed form.☐ filed together with the international application in computer readable form.☐ furnished subsequently to this Authority in written form.☐ furnished subsequently to this Authority in computer readable form.☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.4. ☒ The amendments have resulted in the cancellation of:☒ the description, pages None☒ the claims, Nos. None☒ the drawings, sheets/fig None5. ☐ This opinion has been drawn as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this opinion as "originally filed".

**III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability**

1. The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially applicable have not been and will not be examined in respect of:

☐ the entire international application.

☒ claims Nos. 40

because:

☐ the said international application, or the said claim Nos. \_ relate to the following subject matter which does not require international preliminary examination (*specify*).

☐ the description, claims or drawings (*indicate particular elements below*) or said claims Nos. \_ are so unclear that no meaningful opinion could be formed (*specify*).

☒ the claims, or said claims Nos. 40 are so inadequately supported by the description that no meaningful opinion could be formed.

☐ no international search report has been established for said claims Nos. \_

2. A written opinion cannot be drawn due to the failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions:

☐ the written form has not been furnished or does not comply with the standard.

☐ the computer readable form has not been furnished or does not comply with the standard.

**V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

**1. statement**

Novelty (N)	Claims	(Please See supplemental sheet)	YES
	Claims	(Please See supplemental sheet)	NO
Inventive Step (IS)	Claims	(Please See supplemental sheet)	YES
	Claims	(Please See supplemental sheet)	NO
Industrial Applicability (IA)	Claims	(Please See supplemental sheet)	YES
	Claims	(Please See supplemental sheet)	NO

**2. citations and explanations**

1. Claims 1, 8, 11, 16, 17, 20, 21, 29, 36, 39, 45, 46, 49 & 50 lack novelty under PCT Article 33(2) as being anticipated by either Farnsworth et al (EP 0048746) or Swarztrauber et al (4,783,748) or Sollinger (4,811,011) or Meschi (5,142,566 or 5,173,935) or Bonnet et al (5,197,095) or Nagase (JP 05-136903).

1.1 In regard to claims 1, 11, 20, 29, 39 & 49, any one of either Farnsworth et al (EP 0048746) or Swarztrauber et al (748) or Sollinger (011) or Meschi (566 or '935) or Bonnet et al (095) or Nagase (JP 05-136903) disclose a metering system. In these systems the user's consumption of a metered supply of a sellable item is measured. The measured values of the user's consumption are then stored as data records in these system. Periodically, in these systems the stored consumption values, i.e. records, are then transmitted over a communications link to a central location with an indication of the time that applies to the data, records, i.e. billing period. At the central location the transmitted data records are used to prepare a bill for the user's consumption of the metered sellable item.

1.2 In regard to claims 8, 17, 21, 36, 46 & 50, the metered sellable item is an utility, e.g. water, gas, electricity, etc.

1.3 In regard to claims 16 & 45, the number of stored record is related to the measurement intervals and the number of monitored sellable items, i.e. one record per measurement interval per monitored, sellable item.

2. Claims 1, 3-7, 9-15, 18, 19, 20, 22, 26-29, 31-35, 37-39, 41-44, 47-49, 51 & 55 lack novelty under PCT Article 33(2) as being anticipated by Liechti et al (5,715,164).

2.1 In regard to claims 1, 3-7, 11-15, 20, 22, 26-29, 31-35, 39, 41-44, 51 & 55, Liechti et al (164) discloses a postage meter system. In the postage metering system of Liechti et al (164) the user's consumption of postage is monitored and recorded. The monitored consumption of postage on per transaction basis is then stored as data records in this system. Periodically, in the (Continued on Supplemental Sheet.)

**VII. Certain defects in the international application**

The following defects in the form or contents of the international application have been noted:

1. The drawings are objected to under PCT Rule 66.2(a)(iii) as containing the following defect(s) in the form or content thereof:
  - 1.1 The drawings lack reference numbers "236a" and "236b" as disclosed at page 7.
  - 1.2 The drawings lack reference numbers "238a" and "238b" as disclosed at pages 7, 13 & 14.
  - 1.3 Fig. 9 uses reference number "903" twice to designate different features of the invention, note page 15 which describes fig. 9 and mentions this reference number.
  - 1.4 The subject matter of claim 40 is not depicted in the drawings.
2. The description is objected to as containing the following defect(s) under PCT Rule 66.2(a)(iii) in the form or contents thereof:
  - 2.1 Applicant should submit copies of the prior art articles mentioned on pages 1, 2 & 7.
  - 2.2 As can be seen in fig. 9, at page 15, line 34, "833" should be --933--.
  - 2.3 The disclosure lacks an explicit reference to number 933 of fig. 9 at page 15, line 34.
  - 2.4 As can be seen in fig. 10, at page 17, line 30, "950" should be --850--.
  - 2.5 The disclosure lacks a statement of --WE claim:--.

**VIII. Certain observations on the international application**

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

1. Claim 40 is objected to as lacking clarity under PCT Rule 66.2(a)(v) because practice of the claimed invention is not adequately described in writing, as required under PCT Rule 5.1(a)(iii), for the reasons set forth in the immediately preceding paragraph.

1.1 Claim 40 lacks antecedent basis with in the disclosed for the claimed subject matter.

2. Claims 1-10 are objected to under PCT Rule 66.2(a)(v) as lacking clarity under PCT Article 6 because the claims 1-10 are indefinite for the following reason(s):

2.1 Claims 1-10 fail to accomplish the desired result of account as recited in the preamble of claim 1, since these claims merely recite (a) a memory for storing and providing a consumption value; (b) a processor for forming records including a time stamp and consumption values; and (c) a means for transmission of the record based on the time stamp. However, it can not be seen how these three steps can be considered as accounting for the consumption of a resource with in the normal meaning of the word accounting.

**Supplemental Box**

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: Boxes I - VIII

Sheet 10

**TIME LIMIT:**

The time limit set for response to a Written Opinion may not be extended. 37 CFR 1.484(d). Any response received after the expiration of the time limit set in the Written Opinion will not be considered in preparing the International Preliminary Examination Report.

**V. 1. REASONED STATEMENTS:**

The opinion as to Novelty was positive (YES) with respect to claims 2-7, 9, 10, 12-15, 18, 19, 22-28, 30-35, 37, 38, 41-44, 47, 48 & 51-55.

The opinion as to Novelty was negative (NO) with respect to claims 1, 8, 11, 16, 17, 20, 21, 29, 36, 39, 45, 46, 49 & 50.

The opinion as to Inventive Step was positive (YES) with respect to claims 2, 23-25, 30 & 52-54.

The opinion as to Inventive Step was negative (NO) with respect to claims 1, 3-22, 26-29, 31-39, 41-51 & 55.

The opinion as to Industrial Applicability was positive (YES) with respect to claims 1-39 & 41-55.

The opinion as to Industrial Applicability was negative (NO) with respect to claims None.

**V. 2. REASONED STATEMENTS - CITATIONS AND EXPLANATIONS (Continued):**

postage metering system of Liechti et al ('164) the stored consumption values, i.e. records, are transmitted over a communications link to a central location with an indication of the time that applies to the data, records, i.e. the time that the postage was consumed. At the central location the transmitted data records are used to prepare a bill for the user's consumption of postage.

2.2 In regard to claims 9, 10, 18, 19, 37, 38, 47 & 48, Liechti et al ('164) discloses the use of encryption to sign the consumption data so as to authenticate the transmitted consumption data.

3. Claims 2, 23-25, 30 & 52-54 meet the criteria set out in PCT Article 33(2)-(4), because the prior art does not teach or fairly suggest:

A) in regard to claims 2 & 30 the inclusion a truncation indicator in each or the measures value records.

B) in regard to claims 23-25 & 52-54, the monitoring of different consumable items, that is, postage and different utilities, e.g. water, gas, electricity, etc.

**NEW CITATIONS**

NONE



# PATENT COOPERATION TREATY

From the RECEIVING OFFICE

## PCT

To:

ALEX L. YIP  
LONDA AND TRAUB LLP  
20 EXCHANGE PLACE  
37TH FLOOR  
NEW YORK NY 10005

### INVITATION TO CORRECT DEFECTS IN THE INTERNATIONAL APPLICATION

(PCT Articles 3(4)(i) and 14(1) and Rule 26)

Applicant's or agent's file reference <p style="text-align: center;">8001.109/10</p>	Date of mailing <i>(day/month/year)</i> <p style="text-align: center; font-size: 1.2em;">05 APR 2000</p>
International application No. <p style="text-align: center;">PCT/US00/03585</p>	International filing date <i>(day/month/year)</i> <p style="text-align: center;">11 FEB 00</p>
Applicant <p style="text-align: center;">ASCOM HASLER MAILING SYSTEMS, INC.</p>	

1. ☒ The applicant is hereby invited, within the time limit indicated above, to correct, in the international application as filed, the defects specified on the attached
  - ☐ Annex A
  - ☐ Annex B1 (*text matter of the international application as filed*)
  - ☒ Annex C1 (*drawings of the international application as filed*)
2. ☐ The applicant is hereby invited, within the time limit indicated above, to correct, in the translation of the international application furnished under Rule 12.3, the defects specified on the attached
  - ☐ Annex A
  - ☐ Annex B2 (*text matter of the translation of the international application*)
  - ☐ Annex C2 (*drawings of the translation of the international application*)

Additional observations (if necessary):

#### HOW TO CORRECT THE DEFECTS?

Correction must be submitted by filing a replacement sheet embodying the correction and a letter accompanying the replacement sheet, which shall draw attention to the difference between the replaced sheet and the replacement sheet. A correction may be stated in a letter only if it is of such a nature that it can be transferred from the letter to the record copy without adversely affecting the clarity and direct reproducibility of the sheet onto which the correction is to be transferred (Rule 26.4).

#### ATTENTION

Failure to correct the defects will result in the international application being considered withdrawn by this receiving Office (see Rule 26.5 for further details).

A copy of this invitation and any attachments has been sent to the International Bureau

☒ and the International Searching Authority.

Name and mailing address of the receiving Office Assistant Commissioner for Patents Box PCT Washington, D.C. 20231 Facsimile No.	Authorized officer <p style="text-align: center;">Mamie H. H. [Signature]</p> PCT/Int. App. Processing Div (703) 305-3800 Telephone No.
--	--

# PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

## PCT

To:

ALEX L. YIP  
LONDA AND TRAUB LLP  
20 EXCHANGE PLACE  
37TH FLOOR  
NEW YORK NY 10005

### NOTIFICATION OF RECEIPT OF SEARCH COPY

(PCT Rule 25.1)

Date of mailing  
(day/month/year)

05 APR 2000

Applicant's or agent's file reference

8001.109/10

### IMPORTANT NOTIFICATION

International application No.

PCT/US00/03585

International filing date (day/month/year)

11 FEB 00

Priority date (day/month/year)

04 MAR 99

Applicant

ASCOM HASLER MAILING SYSTEMS, INC.

**1. Where the International Searching Authority and the receiving Office are not the same Office:**

The applicant is hereby notified that the search copy of the international application was received by this International Searching Authority on the date indicated below.

**Where the International Searching Authority and the receiving Office are the same Office:**

The applicant is hereby notified that the search copy of the international application was received on the date indicated below.

05 APR 2000

(date of receipt)

**2. Time limit for establishment of international search report**

The applicant is informed that the time limit for establishing the international search report is 3 months from the date of receipt indicated above or 9 months from the priority date, whichever time limit expires later.

**3. A copy of this notification has been sent to the International Bureau and, where the first sentence of paragraph 1 applies, to the receiving Office.**

Name and mailing address of the ISA/US

Assistant Commissioner for Patents  
Box PCT  
Washington, D.C. 20231  
Facsimile No.

Attn: ISA/US

Authorized officer

Mamie Holmes

PCT/Internat'l Appl Processing Div

(703) 305-3664  
Telephone No.

# PATENT COOPERATION TREATY

From the RECEIVING OFFICE

## PCT

To:

ALEX L. YIP  
LONDA AND TRAUB LLP  
20 EXCHANGE PLACE  
37TH FLOOR  
NEW YORK NY 10005

### NOTIFICATION OF THE INTERNATIONAL APPLICATION NUMBER AND OF THE INTERNATIONAL FILING DATE

(PCT Rule 20.5(c))

Date of mailing (day/month/year) <span style="float: right; font-size: 1.2em;">0 5 APR 2000</span>	
Applicant's or agent's file reference <span style="font-size: 1.1em;">8001.109/10</span>	<b>IMPORTANT NOTIFICATION</b>
International application No. <span style="font-size: 1.1em;">PCT/US00/03585</span>	International filing date (day/month/year) <span style="font-size: 1.1em;">11 FEB 00</span>
Priority date (day/month/year) <span style="font-size: 1.1em;">04 MAR 99</span>	
Applicant <span style="font-size: 1.1em;">ASCOM HASLER MAILING SYSTEMS, INC.</span>	
Title of the invention <span style="font-size: 1.1em;">TECHNIQUE FOR EFFECTIVE MANAGEMENT OF RESOURCE CONSUMPTION</span>	

1. The applicant is hereby notified that the international application has been accorded the international application number and the international filing date indicated above.

2. The applicant is further notified that the record copy of the international application:

- ☒ was transmitted to the International Bureau on 0 5 APR 2000
- ☐ has not yet been transmitted to the International Bureau for the reason indicated below and a copy of this notification has been sent to the International Bureau\*:
- ☐ because the necessary national security clearance has not yet been obtained.  
☐ because (reason to be specified):

\* The International Bureau monitors the transmittal of the record copy by the receiving Office and will notify the applicant (with Form PCT/IB/301) of its receipt. Should the record copy not have been received by the expiration of 14 months from the priority date, the International Bureau will notify the applicant (Rule 22.1(c)).

### 3. FOREIGN TRANSMITTAL LICENSE INFORMATION

Completed by: [Signature]

- ☐ Additional license for foreign transmittal not required. This subject matter is covered by a license already granted on the equivalent U.S. national application. Refer to that license for information concerning its scope.
- ☐ License for foreign transmittal not required. 37 CFR 5.11(e)(1) or 37 CFR 5.11(e)(2). However, a license may be required for additional subject matter. See 37 CFR 5.15(b).
- ☒ Foreign transmittal license granted. 35 U.S.C. 184; 37 CFR 5.11 on 3-6-00 :  
(date)
- ☒ 37 CFR 5.15(a)      ☐ 37 CFR 5.15(b)

Name and mailing address of the receiving Office

Assistant Commissioner for Patents  
Box PCT  
Washington, D.C. 20231

Facsimile No.

Attn: RO/US

Authorized officer

[Signature]  
Mamie Holmes  
PCT/Internat'l Appl Processing Div

Telephone No. (202) 305-3264

# PATENT COOPERATION TREATY

PCT

## INFORMATION CONCERNING ELECTED OFFICES NOTIFIED OF THEIR ELECTION

(PCT Rule 61.3)

From the INTERNATIONAL BUREAU

To:

GREEN, Clarence, A.  
Perman & Green, LLP  
425 Post Road  
Fairfield, CT 06430  
ETATS-UNIS D'AMERIQUE

RECEIVED

MAR 19 2001

PERMAN AND GREEN LL

Date of mailing (day/month/year) 06 March 2001 (06.03.01)		
Applicant's or agent's file reference 770P009588WO		IMPORTANT INFORMATION
International application No. PCT/US00/03585	International filing date (day/month/year) 11 February 2000 (11.02.00)	
Applicant ASCOM HASLER MAILING SYSTEMS, INC. et al		Priority date (day/month/year) 04 March 1999 (04.03.99)

1. The applicant is hereby informed that the International Bureau has, according to Article 31(7), notified each of the following Offices of its election:

EP : AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE  
National : CA, US


2. The following Offices have waived the requirement for the notification of their election; the notification will be sent to them by the International Bureau only upon their request:

None

3. The applicant is reminded that he must enter the "national phase" before the expiration of 30 months from the priority date before each of the Offices listed above. This must be done by paying the national fee(s) and furnishing, if prescribed, a translation of the international application (Article 39(1)(a)), as well as, where applicable, by furnishing a translation of any annexes of the international preliminary examination report (Article 36(3)(b) and Rule 74.1).

Some offices have fixed time limits expiring later than the above-mentioned time limit. For detailed information about the applicable time limits and the acts to be performed upon entry into the national phase before a particular Office, see Volume II of the PCT Applicant's Guide.

The entry into the European regional phase is postponed until 31 months from the priority date for all States designated for the purposes of obtaining a European patent.

<p>The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland</p> <p>Facsimile No. (41-22) 740.14.35</p>	<p>Authorized officer:</p> <p>Antonia Muller </p> <p>Telephone No. (41-22) 338.83.38</p>
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# PATENT COOPERATION TREATY

**PCT**

## NOTIFICATION OF THE RECORDING OF A CHANGE

(PCT Rule 92bis.1 and  
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

GREEN, Clarence, A.  
Perman & Green, LLP  
425 Post Road  
Fairfield, CT 06430  
ETATS-UNIS D'AMERIQUE

DEC 18 2000

Date of mailing (day/month/year)  
11 December 2000 (11.12.00)

Applicant's or agent's file reference  
770P009588WO

### IMPORTANT NOTIFICATION

International application No.  
PCT/US00/03585

International filing date (day/month/year)  
11 February 2000 (11.02.00)

1. The following indications appeared on record concerning:

☐ the applicant      ☐ the inventor      ☒ the agent      ☐ the common representative

Name and Address

YIP, Alex, L.  
Buchanan Ingersoll P.C.  
140 Broadway  
New York, NY 10005  
United States of America

State of Nationality

State of Residence

Telephone No.

646 458 2340

Facsimile No.

646 458 2341

Teleprinter No.

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☒ the person      ☒ the name      ☒ the address      ☐ the nationality      ☐ the residence

Name and Address

GREEN, Clarence, A.  
Perman & Green, LLP  
425 Post Road  
Fairfield, CT 06430  
United States of America

State of Nationality

State of Residence

Telephone No.

203 259 1800

Facsimile No.

Teleprinter No.

3. Further observations, if necessary:

4. A copy of this notification has been sent to:

☒ the receiving Office      ☒ the designated Offices concerned  
☐ the International Searching Authority      ☐ the elected Offices concerned  
☐ the International Preliminary Examining Authority      ☒ other: former agent

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Authorized officer

Kari Huynh-Khuong

**PCT**

**COMMUNICATION IN CASES FOR WHICH  
NO OTHER FORM IS APPLICABLE**

From the INTERNATIONAL BUREAU

To:

GREEN, Clarence, A.  
Perman & Green, LLP  
425 Post Road  
Fairfield, CT 06430  
ETATS-UNIS D'AMERIQUE

Date of mailing (day/month/year) 11 December 2000 (11.12.00)	
Applicant's or agent's file reference 770P009588WO	<b>REPLY DUE</b> see paragraph 1 below
International application No. PCT/US00/03585	International filing date (day/month/year) 11 February 2000 (11.02.00)
Applicant ASCOM HASLER MAILING SYSTEMS, INC.	

1. ☐ REPLY DUE within \_\_\_\_\_ months/days from the above date of mailing  
☐ NO REPLY DUE, however, see below  
☐ IMPORTANT COMMUNICATION  
☒ INFORMATION ONLY

2. COMMUNICATION:

Please be informed that powers of attorney from the applicants/inventors are also needed to authorize you to present the applicants and perform any act on their behalf before the international Authorities. The powers of attorney shall be submitted to either the receiving Office of the International Bureau with the provisions referred to in PCT Rule 90.4.

A copy of this notification has been sent to the receiving Office for information.

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Authorized officer

Kari Huynh-Khuong

Facsimile No. (41-22) 740.14.35

Telephone No. (41-22) 338.83.38

# PCT COOPERATION TREATY

From the INTERNATIONAL BUREAU

**PCT**

## NOTIFICATION OF RECEIPT OF RECORD COPY

(PCT Rule 24.2(a))

To:

YIP, Alex, L.  
Londa & Traup LLP  
20 Exchange Place, 37th floor  
New York, NY 10005  
ETATS-UNIS D'AMERIQUE

<b>Date of mailing (day/month/year)</b> 13 April 2000 (13.04.00)	<b>IMPORTANT NOTIFICATION</b>
<b>Applicant's or agent's file reference</b> 8001.109/10	<b>International application No.</b> PCT/US00/03585

The applicant is hereby notified that the International Bureau has received the record copy of the international application as detailed below.

Name(s) of the applicant(s) and State(s) for which they are applicants:

ASCOM HASLER MAILING SYSTEMS, INC. (for all designated States except US)  
BROOKNER, George, M. et al (for US)

International filing date	:	11 February 2000 (11.02.00)
Priority date(s) claimed	:	04 March 1999 (04.03.99)
Date of receipt of the record copy by the International Bureau	:	03 March 2000 (03.03.00)
List of designated Offices	:	

EP :AT,BE,CH,CY,DE,DK,ES,FI,FR,GB,GR,IE,IT,LU,MC,NL,PT,SE  
National :CA,US

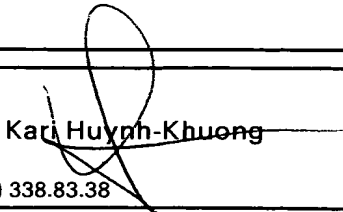
### ATTENTION

The applicant should carefully check the data appearing in this Notification. In case of any discrepancy between these data and the indications in the international application, the applicant should immediately inform the International Bureau.

In addition, the applicant's attention is drawn to the information contained in the Annex, relating to:

- ☒ time limits for entry into the national phase
- ☒ confirmation of precautionary designations
- ☒ requirements regarding priority documents

A copy of this Notification is being sent to the receiving Office and to the International Searching Authority.

<b>The International Bureau of WIPO</b> 34, chemin des Colombettes 1211 Geneva 20, Switzerland  Facsimile No. (41-22) 740.14.35	Authorized officer:  <div style="text-align: center;">                       Kari Huynh-Khuong                 </div> Telephone No. (41-22) 338.83.38
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## INFORMATION ON TIME LIMITS FOR ENTERING THE NATIONAL PHASE

The applicant is reminded that the "national phase" must be entered before each of the designated Offices indicated in the Notification of Receipt of Record Copy (Form PCT/IB/301) by paying national fees and furnishing translations, as prescribed by the applicable national laws.

The time limit for performing these procedural acts is **20 MONTHS** from the priority date or, for those designated States which the applicant elects in a demand for international preliminary examination or in a later election, **30 MONTHS** from the priority date, provided that the election is made before the expiration of 19 months from the priority date. Some designated (or elected) Offices have fixed time limits which expire even later than 20 or 30 months from the priority date. In other Offices an extension of time or grace period, in some cases upon payment of an additional fee, is available.

In addition to these procedural acts, the applicant may also have to comply with other special requirements applicable in certain Offices. **It is the applicant's responsibility** to ensure that the necessary steps to enter the national phase are taken in a timely fashion. Most designated Offices do not issue reminders to applicants in connection with the entry into the national phase.

**For detailed information about the procedural acts to be performed to enter the national phase before each designated Office, the applicable time limits and possible extensions of time or grace periods, and any other requirements, see the relevant Chapters of Volume II of the PCT Applicant's Guide. Information about the requirements for filing a demand for international preliminary examination is set out in Chapter IX of Volume I of the PCT Applicant's Guide.**

GR and ES became bound by PCT Chapter II on 7 September 1996 and 6 September 1997, respectively, and may, therefore, be elected in a demand or a later election filed on or after 7 September 1996 and 6 September 1997, respectively, regardless of the filing date of the international application. (See second paragraph above.)

Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination.

## CONFIRMATION OF PRECAUTIONARY DESIGNATIONS

This notification lists only specific designations made under Rule 4.9(a) in the request. It is important to check that these designations are correct. Errors in designations can be corrected where precautionary designations have been made under Rule 4.9(b). The applicant is hereby reminded that any precautionary designations may be confirmed according to Rule 4.9(c) before the expiration of 15 months from the priority date. If it is not confirmed, it will automatically be regarded as withdrawn by the applicant. There will be no reminder and no invitation. Confirmation of a designation consists of the filing of a notice specifying the designated State concerned (with an indication of the kind of protection or treatment desired) and the payment of the designation and confirmation fees. Confirmation must reach the receiving Office within the 15-month time limit.

## REQUIREMENTS REGARDING PRIORITY DOCUMENTS

For applicants who have not yet complied with the requirements regarding priority documents, the following is recalled.

Where the priority of an earlier national, regional or international application is claimed, the applicant must submit a copy of the said earlier application, certified by the authority with which it was filed ("the priority document") to the receiving Office (which will transmit it to the International Bureau) or directly to the International Bureau, before the expiration of 16 months from the priority date, provided that any such priority document may still be submitted to the International Bureau before that date of international publication of the international application, in which case that document will be considered to have been received by the International Bureau on the last day of the 16-month time limit (Rule 17.1(a)).

Where the priority document is issued by the receiving Office, the applicant may, instead of submitting the priority document, request the receiving Office to prepare and transmit the priority document to the International Bureau. Such request must be made before the expiration of the 16-month time limit and may be subjected by the receiving Office to the payment of a fee (Rule 17.1(b)).

If the priority document concerned is not submitted to the International Bureau or if the request to the receiving Office to prepare and transmit the priority document has not been made (and the corresponding fee, if any, paid) within the applicable time limit indicated under the preceding paragraphs, any designated State may disregard the priority claim, provided that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity to furnish the priority document within a time limit which is reasonable under the circumstances.

Where several priorities are claimed, the priority date to be considered for the purposes of computing the 16-month time limit is the filing date of the earliest application whose priority is claimed.



From the INTERNATIONAL BUREAU

**PCT**

**NOTIFICATION CONCERNING  
SUBMISSION OR TRANSMITTAL  
OF PRIORITY DOCUMENT**

(PCT Administrative Instructions, Section 411)

To:

YIP, Alex, L.  
Londa & Traup LLP  
37th Floor  
20 Exchange Place  
New York, NY 10005  
ETATS-UNIS D'AMERIQUE

Date of mailing (day/month/year) 27 April 2000 (27.04.00)	<b>IMPORTANT NOTIFICATION</b>
Applicant's or agent's file reference 8001.109/10	
International application No. PCT/US00/03585	
International publication date (day/month/year) Not yet published	
International filing date (day/month/year) 11 February 2000 (11.02.00)	
Priority date (day/month/year) 04 March 1999 (04.03.99)	
Applicant  <b>ASCOM HASLER MAILING SYSTEMS, INC. et al</b>	

- The applicant is hereby notified of the date of receipt (except where the letters "NR" appear in the right-hand column) by the International Bureau of the priority document(s) relating to the earlier application(s) indicated below. Unless otherwise indicated by an asterisk appearing next to a date of receipt, or by the letters "NR", in the right-hand column, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
- This updates and replaces any previously issued notification concerning submission or transmittal of priority documents.
- An asterisk(\*) appearing next to a date of receipt, in the right-hand column, denotes a priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b). In such a case, **the attention of the applicant is directed** to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
- The letters "NR" appearing in the right-hand column denote a priority document which was not received by the International Bureau or which the applicant did not request the receiving Office to prepare and transmit to the International Bureau, as provided by Rule 17.1(a) or (b), respectively. In such a case, **the attention of the applicant is directed** to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

<u>Priority date</u>	<u>Priority application No.</u>	<u>Country or regional Office or PCT receiving Office</u>	<u>Date of receipt of priority document</u>
04 Marc 1999 (04.03.99)	60/122,826	US	25 April 2000 (25.04.00)

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland  Facsimile No. (41-22) 740.14.35	Authorized officer  Marc Salzman  Telephone No. (41-22) 338.83.38
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003249363

# PATENT COOPERATION TREATY

From the  
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

## PCT

To:

ALEX L. YIP  
LONDA AND TRAUB LLP  
20 EXCHANGE PLACE  
37TH FLOOR  
NEW YORK NY 10005

NOTIFICATION OF RECEIPT  
OF DEMAND BY COMPETENT INTERNATIONAL  
PRELIMINARY EXAMINING AUTHORITY

(PCT Rule 59.3(e) and 61.1(b), first sentence  
and Administrative Instructions, Section 601(a))

Date of mailing  
(day/month/year)

26 JAN 2001

Applicant's or agent's file reference  
8001.109/10

IMPORTANT NOTIFICATION

International application No.  
PCT/US00/03585

International filing date (day/month/year)  
11 FEB 00

Priority date (day/month/year)  
04 MAR 99

Applicant

ASCOM HASLER MAILING SYSTEMS, INC.

1. The applicant is hereby notified that this International Preliminary Examining Authority considers the following date as the date of receipt of the demand for international preliminary examination of the international application:

02 OCT 2000

2. That date of receipt is:

- ☒ the actual date of receipt of the demand by this Authority (Rule 61.1(b)).
- ☐ the actual date of receipt of the demand on behalf of this Authority (Rule 59.3(e)).
- ☐ the date on which this Authority has, in response to the invitation to correct defects in the demand (Form PCT/IPEA/404), received the required corrections.

3. ☐ **ATTENTION:** That date of receipt is **AFTER** the expiration of 19 months from the priority date. Consequently, the election(s) made in the demand does (do) not have the effect of postponing the entry into the national phase until 30 months from the priority date (or later in some Offices) (Article 39(1)). Therefore, the acts for entry into the national phase must be performed within 20 months from the priority date (or later in some Offices) (Article 22). For details, see the *PCT Applicant's Guide*, Volume II.

- ☐ (If applicable) This notification confirms the information given by telephone, facsimile transmission or in person on:

4. Only where paragraph 3 applies, a copy of this notification has been sent to the International Bureau.

Name and mailing address of the IPEA/US  
Assistant Commissioner for Patents  
Box PCT  
Washington, D.C. 20231  
Facsimile No.

Attn: IPEA/US

Authorized officer

PCT/Internat'l Appl Processing Div  
'703) 305-3864

Telephone No.

# PCT REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office Use Only

International Application No.	
International Filing Date	
Name of receiving Office and "PCT International Application"	
Applicant's or agent's file reference (if desired) (12 characters maximum)	8001.109/10

## Box No. I TITLE OF INVENTION

Technique for Effective Management of Resource Consumption

## Box No. II APPLICANT

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

Ascom Hasler Mailing Systems, Inc.  
19 Forest Parkway  
P.O. Box 858  
Shelton, Connecticut 06484-0904  
United States of America

☐ This person is also inventor.

Telephone No. (203) 926-1087

Facsimile No.

Teleprinter No.

State (i.e. country) of nationality: US

State (i.e. country) of residence: US

This person is applicant for the purposes of: ☐ all designated States ☒ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

## Box No. III FURTHER APPLICANTS AND/OR (FURTHER) INVENTORS

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

BROOKNER, George M.  
11 Surrey Drive  
Norwalk, Connecticut 06851  
United States of America

This person is:

☐ applicant only

☒ applicant and inventor

☐ inventor only (If this check-box is marked, do not fill in below.)

State (i.e. country) of nationality: US

State (i.e. country) of residence: US

This person is applicant for the purposes of: ☐ all designated States ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

☒ Further applicants and/or (further) inventors are indicated on a continuation sheet

## Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: ☒ agent ☐ common representative

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include code and name of country)

YIP, Alex L.  
LONDA AND TRAUB LLP  
20 Exchange Place, 37th Floor  
New York, New York 10005  
United States of America

Telephone No. (212) 968-1300

Facsimile No.: (212) 968-1307

Teleprinter No.

☐ Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

## Continuation of Box No. III FURTHER APPLICANTS AND/OR (FURTHER) INVENTORS

*If none of the following sub-boxes is used, this sheet is not to be included in the request.*

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

☐ applicant only

☒ applicant and inventor

☐ inventor only (If this check-box is marked, do not fill in below.)

YIP, Alex L.  
141-15 Hoover Avenue  
Briarwood, New York 11435  
United States of America

State (i.e. country) of nationality: US

State (i.e. country) of residence: US

This person is applicant for the purposes of: ☐ all designated States ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

☐ applicant only

☒ applicant and inventor

☐ inventor only (If this check-box is marked, do not fill in below.)

LEARY, Brian T.  
352 Woodruff Road  
Milford, Connecticut 06460  
United States of America

State (i.e. country) of nationality: US

State (i.e. country) of residence: US

This person is applicant for the purposes of: ☐ all designated States ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

☐ applicant only

☐ applicant and inventor

☐ inventor only (If this check-box is marked, do not fill in below.)

State (i.e. country) of nationality:

State (i.e. country) of residence:

This person is applicant for the purposes of: ☐ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

☐ applicant only

☐ applicant and inventor

☐ inventor only (If this check-box is marked, do not fill in below.)

State (i.e. country) of nationality:

State (i.e. country) of residence:

This person is applicant for the purposes of: ☐ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

**Box No. V DESIGNATION OF STATES**

The following designations are hereby made under Rule 4.9(a)(mark the applicable check-boxes; at least one must be marked):

**Regional Patent**

☐ **AP** ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, SD Sudan, SZ Swaziland, UG Uganda, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT

☐ **EA** Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT.

☒ **EP** European Patent: AT Austria, BE Belgium, CH and LI Switzerland and Liechtenstein, CY Cyprus, DE Germany, DK Denmark, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, and any other State which is a Contracting State of the European Patent Convention and of the PCT

☐ **OA** OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Cote d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify)

**National Phase**

<input type="checkbox"/> <b>AE</b> United Arab Emirates	<input type="checkbox"/> <b>LR</b> Liberia
<input type="checkbox"/> <b>AL</b> Albania	<input type="checkbox"/> <b>LS</b> Lesotho
<input type="checkbox"/> <b>AM</b> Armenia	<input type="checkbox"/> <b>LT</b> Lithuania
<input type="checkbox"/> <b>AT</b> Austria	<input type="checkbox"/> <b>LU</b> Luxembourg
<input type="checkbox"/> <b>AU</b> Australia	<input type="checkbox"/> <b>LV</b> Latvia
<input type="checkbox"/> <b>AZ</b> Azerbaijan	<input type="checkbox"/> <b>MD</b> Republic of Moldova
<input type="checkbox"/> <b>BA</b> Bosnia/Herzegovina	<input type="checkbox"/> <b>MG</b> Madagascar
<input type="checkbox"/> <b>BB</b> Barbados	<input type="checkbox"/> <b>MK</b> The former Yugoslav Republic of Macedonia
<input type="checkbox"/> <b>BG</b> Bulgaria	<input type="checkbox"/> <b>MN</b> Mongolia
<input type="checkbox"/> <b>BR</b> Brazil	<input type="checkbox"/> <b>MW</b> Malawi
<input type="checkbox"/> <b>BY</b> Belarus	<input type="checkbox"/> <b>MX</b> Mexico
<input checked="" type="checkbox"/> <b>CA</b> Canada	<input type="checkbox"/> <b>NO</b> Norway
<input type="checkbox"/> <b>CH and LI</b> Switzerland and Liechtenstein	<input type="checkbox"/> <b>NZ</b> New Zealand
<input type="checkbox"/> <b>CN</b> China	<input type="checkbox"/> <b>PL</b> Poland
<input type="checkbox"/> <b>CU</b> Cuba	<input type="checkbox"/> <b>PT</b> Portugal
<input type="checkbox"/> <b>CZ</b> Czech Republic	<input type="checkbox"/> <b>RO</b> Romania
<input type="checkbox"/> <b>DE</b> Germany	<input type="checkbox"/> <b>RU</b> Russian Federation
<input type="checkbox"/> <b>DK</b> Denmark	<input type="checkbox"/> <b>SD</b> Sudan
<input type="checkbox"/> <b>EE</b> Estonia	<input type="checkbox"/> <b>SE</b> Sweden
<input type="checkbox"/> <b>ES</b> Spain	<input type="checkbox"/> <b>SG</b> Singapore
<input type="checkbox"/> <b>FI</b> Finland	<input type="checkbox"/> <b>SI</b> Slovenia
<input type="checkbox"/> <b>GB</b> United Kingdom	<input type="checkbox"/> <b>SK</b> Slovakia
<input type="checkbox"/> <b>GD</b> Grenada	<input type="checkbox"/> <b>SL</b> Sierra Leone
<input type="checkbox"/> <b>GE</b> Georgia	<input type="checkbox"/> <b>TJ</b> Tajikistan
<input type="checkbox"/> <b>GH</b> Ghana	<input type="checkbox"/> <b>TM</b> Turkmenistan
<input type="checkbox"/> <b>GM</b> Gambia	<input type="checkbox"/> <b>TR</b> Turkey
<input type="checkbox"/> <b>HR</b> Croatia	<input type="checkbox"/> <b>TT</b> Trinidad and Tobago
<input type="checkbox"/> <b>HU</b> Hungary	
<input type="checkbox"/> <b>ID</b> Indonesia	<input type="checkbox"/> <b>UA</b> Ukraine
<input type="checkbox"/> <b>IL</b> Israel	<input type="checkbox"/> <b>UG</b> Uganda
<input type="checkbox"/> <b>IN</b> India	<input checked="" type="checkbox"/> <b>US</b> United States of America
<input type="checkbox"/> <b>IS</b> Iceland	<input type="checkbox"/> <b>UZ</b> Uzbekistan
<input type="checkbox"/> <b>JP</b> Japan	<input type="checkbox"/> <b>VN</b> Viet Nam
<input type="checkbox"/> <b>KE</b> Kenya	<input type="checkbox"/> <b>YU</b> Yugoslavia
<input type="checkbox"/> <b>KG</b> Kyrgyzstan	<input type="checkbox"/> <b>ZA</b> South Africa
<input type="checkbox"/> <b>KP</b> Democratic People's Republic of Korea	<input type="checkbox"/> <b>ZW</b> Zimbabwe
<input type="checkbox"/> <b>KR</b> Republic of Korea	Check-boxes reserved for designating States (for the purpose of a
<input type="checkbox"/> <b>KZ</b> Kazakhstan	national patent) which have become party to the PCT after issuance of
<input type="checkbox"/> <b>LC</b> Saint Lucia	sheet
<input type="checkbox"/> <b>LK</b> Sri Lanka	<input type="checkbox"/>

**Precautionary Designation Statement:** In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation of a designation consists of the filing of a notice specifying that designation and the payment of the designation and confirmation of fees. Confirmation must reach the receiving office within the 15-month time limit.)

## Box No. VI PRIORITY CLAIM

Further priority claims are indicated in the Supplemental Box [ ]

Filing Date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:		
		national application: country	regional application:* regional Office	international application: receiving Office
item (1) 4 March 1999 (04.03.99)	60/122,826	United States		
item (2)				
item (3)				

☒ The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of the present international application is the receiving Office) identified above as item(s): (1)  
 \*Where the earlier application is an ARIPO application, it is mandatory to indicate in the Supplemental Box at least one country party to the Paris Convention for the Protection of Industrial Property for which that earlier application was filed (Rule 4.10(b)(ii)). See Supplemental Box

## Box No. VII INTERNATIONAL SEARCHING AUTHORITY

Choice of International Searching Authority (ISA)  
 (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen: the two-letter code may be used):  
 ISA / US

Request to use results of earlier search: reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):  
 Date (day/month/year) Number Country (or regional Office)

## Box No. VIII CHECK LIST: LANGUAGE OF FILING

This international application contains the following number of sheets:

request : 4  
 description (excluding sequence listing part) : 18  
 claims : 8  
 abstract : 1  
 drawings : 5  
 sequence listing part of description : 0

Total number of sheets : 36

This international application is accompanied by the item(s) marked below:

1. ☒ fee calculation sheet
2. ☐ separate signed power of attorney
3. ☐ copy of general power of attorney; reference number, if any:
4. ☐ statement explaining lack of signature
5. ☐ priority document(s) identified in Box No. VI as item(s):
6. ☐ translation of international application into (language):
7. ☐ separate indications concerning deposited microorganism or other biological material
8. ☐ nucleotide and/or amino acid sequence listing in computer readable form
9. ☒ other (specify): check in the amount of \$1,718.00

Figure of the drawings which should accompany the abstract: 5

Language of filing of the international application: English

## Box No. IX SIGNATURE OF APPLICANT OR AGENT

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).

  
 Alex L. Yip

For receiving Office use only

1. Date of actual receipt of the purported International Application:	2. Drawings ____ received:
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:	____ not received:
4. Date of timely receipt of the required corrections under PCT Article 11(2):	
5. International Searching Authority specified by the application: (if two or more are competent): ISA/	6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid

For International Bureau Use only

Date of receipt of record copy  
 by the International Bureau:

This sheet is not part of the international application and does not count as a sheet of the international application

## PCT FEE CALCULATION SHEET

Annex to the Request

For receiving Office use only

International application No.

Date Stamp of the receiving Office:

Applicant's or agent's file reference 8001.109/10	
Applicant Ascom Hasler Mailing Systems, Inc.	
<b>Calculation of Prescribed Fees:</b>	
1. TRANSMITTAL FEE.....	240.00 [T]
2. SEARCH FEE.....	700.00 [S]
International search to be carried out by <u>US</u> (If two or more International Searching Authorities are competent in relation to the International application, indicate the name of the Authority which is chosen to carry out the international search).	
3. INTERNATIONAL FEE	
<b>Basic Fee</b>	
The international application contains <u>36</u> sheets.	
first 30 sheets .....	427.00 [B1]
<u>6</u> x <u>10.00</u> = <u>60.00</u> [B2] remaining sheets additional amount	
Add amounts entered at B1 and B2 and enter total at B.....	487.00 [B]
<b>Designation Fee</b>	
<u>3</u> x <u>92.00</u> = <u>276.00</u> [D] number of designations amount of designation fee	
(If that total exceed the figure which corresponds to the amount of the designation fee multiplied by eleven, enter the latter figure in box D.)	
Add amounts entered at B and D and enter total at I.....	763.00 [I]
4. FEE FOR PRIORITY DOCUMENT.....	15.00 [P]
5. TOTAL FEES PAYABLE.....	
Add amounts entered at T, S, I, and P, and enter total in the TOTAL Box	\$1,718.00 Total
<input type="checkbox"/> The designation fee is not paid at this time.	
<b>MODE OF PAYMENT</b>	
<input type="checkbox"/> authorization to charge deposit account (see below)	<input type="checkbox"/> bank draft <input type="checkbox"/> coupons
<input checked="" type="checkbox"/> cheque	<input type="checkbox"/> cash <input type="checkbox"/> other (specify)
<input type="checkbox"/> postal money order	<input type="checkbox"/> revenue stamps
<b>DEPOSIT ACCOUNT AUTHORIZATION</b>	
The RO/ <u>US</u> <input type="checkbox"/> is hereby authorized to charge the total fees indicated above to my deposit account.	
<input checked="" type="checkbox"/> is hereby authorized to charge any deficiency or credit any overpayment in the total fees indicated above to my deposit account.	
<input type="checkbox"/> is hereby authorized to charge the fee for preparation and transmittal of the priority document to the International Bureau of WIPO to my deposit account.	
04-2216	11 February 2000
Deposit account number	Date (day/month/year) signature <i>[Signature]</i>

The demand must be filed directly with the competent International Preliminary Examining Authority or, if two or more Authorities are competent, with the one chosen by the applicant. The name or two-letter code of that Authority may be indicated by the applicant on the line below:

IPEA/ US

PCT

CHAPTER II

DEMAND

under Article 31 of the Patent Cooperation Treaty:

The undersigned requests that the international application specified below be the subject of international preliminary examination according to the Patent Cooperation Treaty and hereby elects all eligible States (except where otherwise indicated).

For International Preliminary Examining Authority use only

Identification of IPEA	Date of receipt of DEMAND
------------------------	---------------------------

<b>Box No. I IDENTIFICATION OF THE INTERNATIONAL APPLICATION</b>		Applicant's or agent's file reference 770P009588WO
International application No. PCT/US00/03585	International filing date (day/month/year) 11 February 2000 ( 11.02.00 )	(Earliest) Priority date (day/month/year) 04 March 1999 ( 04.03.99 )

Title of invention  
TECHNIQUE FOR EFFECTIVE MANAGEMENT OF RESOURCE CONSUMPTION

**Box No. II APPLICANT(S)**

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) Ascom Hasler Mailing Systems, Inc. 19 Forest Parkway P.O. Box 858 Shelton, Connecticut 06484-0904 United States of America	Telephone No.: (203) 926-1087
	Facsimile No.:
	Teleprinter No.:

State (that is, country) of nationality: US	State (that is, country) of residence: US
--	--

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)  
BROOKNER, George M.  
11 Surrey Drive  
Norwalk, Connecticut 06851  
United States of America

State (that is, country) of nationality: US	State (that is, country) of residence: US
--	--

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)  
YIP, Alex L.  
141-15 Hoover Avenue  
Briarwood, New York 11435  
United States of America

State (that is, country) of nationality: US	State (that is, country) of residence: US
--	--

☒ Further applicants are indicated on a continuation sheet.



## Continuation of Box No. II APPLICANT(S)

*If none of the following sub-boxes is used, this sheet is not to be included in the demand.*

Name and address: *(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

LEARY, Brian T.  
352 Woodruff Road  
Milford, Connecticut 06460  
United States of America

State *(that is, country)* of nationality:  
US

State *(that is, country)* of residence:  
US

Name and address: *(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

State *(that is, country)* of nationality:

State *(that is, country)* of residence:

Name and address: *(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

State *(that is, country)* of nationality:

State *(that is, country)* of residence:

Name and address: *(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

State *(that is, country)* of nationality:

State *(that is, country)* of residence:

☐ Further applicants are indicated on another continuation sheet.

**Box No. III AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE**The following person is ☒ agent ☐ common representativeand ☐ has been appointed earlier and represents the applicant(s) also for international preliminary examination.☒ is hereby appointed and any earlier appointment of (an) agent(s) /common representative is hereby revoked.☐ is hereby appointed, specifically for the procedure before the International Preliminary Examining Authority, in addition to the agent(s)/common representative appointed earlier.Name and address: *(Family name followed by given name; for a legal entity, full official designation.  
The address must include postal code and name of country.)*GREEN, Clarence A.  
Perman & Green, LLP  
425 Post Road  
Fairfield, Connecticut 06430  
United States of America

Telephone No.:

(203) 259-1800

Facsimile No.:

(203) 255-5170

Teleprinter No.:

☐ Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.**Box No. IV BASIS FOR INTERNATIONAL PRELIMINARY EXAMINATION****Statement concerning amendments:\***

1. The applicant wishes the international preliminary examination to start on the basis of:

☒ the international application as originally filed.the description ☒ as originally filed☐ as amended under Article 34the claims ☒ as originally filed☐ as amended under Article 19 (together with any accompanying statement)☐ as amended under Article 34the drawings ☒ as originally filed☐ as amended under Article 342. ☐ The applicant wishes any amendment to the claims under Article 19 to be considered as reversed.3. ☐ The applicant wishes the start of the international preliminary examination to be postponed until the expiration of 20 months from the priority date unless the International Preliminary Examining Authority receives a copy of any amendments made under Article 19 or a notice from the applicant that he does not wish to make such amendments (Rule 69.1(d)). *(This check-box may be marked only where the time limit under Article 19 has not yet expired.)*

\* Where no check-box is marked, international preliminary examination will start on the basis of the international application as originally filed or, where a copy of amendments to the claims under Article 19 and/or amendments of the international application under Article 34 are received by the International Preliminary Examining Authority before it has begun to draw up a written opinion or the international preliminary examination report, as so amended.

**Language for the purposes of international preliminary examination: English**☒ which is the language in which the international application was filed.☐ which is the language of a translation furnished for the purposes of international search.☐ which is the language of publication of the international application.☐ which is the language of the translation (to be) furnished for the purposes of international preliminary examination.**Box No. V ELECTION OF STATES**The applicant hereby elects all eligible States *(that is, all States which have been designated and which are bound by Chapter II of the PCT)*

excluding the following States which the applicant wishes not to elect:

**Box No. VI CHECK LIST**

The demand is accompanied by the following elements, in the language referred to in Box No. IV, for the purposes of international preliminary examination:

- |   |   |        |
|---|---|--------|
| 1. translation of international application                             | : | sheets |
| 2. amendments under Article 34  | : | sheets |
| 3. copy (or where required, translation) of amendments under Article 19 | : | sheets |
| 4. copy (or, where required, translation) of statement under Article 19 | : | sheets |
| 5. letter   | : | sheets |
| 6. other (specify)  | : | sheets |

For International Preliminary Examining Authority use only

received                      not received

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

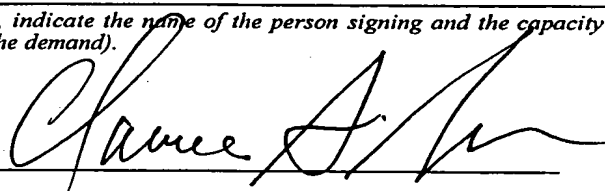
The demand is also accompanied by the item(s) marked below:

- |  |   |
|--|---|
| 1. <input checked="" type="checkbox"/> fee calculation sheet                             | 4. <input type="checkbox"/> statement explaining lack of signature                                  |
| 2. <input type="checkbox"/> separate signed power of attorney                            | 5. <input type="checkbox"/> nucleotide and or amino acid sequence listing in computer readable form |
| 3. <input type="checkbox"/> copy of general power of attorney; reference number, if any: | 6. <input checked="" type="checkbox"/> other (specify): Check for payment of fees                   |

**Box No. VII SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE**

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the demand).

Clarence A. Green  
(Agent)



For International Preliminary Examining Authority use only

1. Date of actual receipt of DEMAND:

2. Adjusted date of receipt of demand due to CORRECTIONS under Rule 60.1(b):

3. ☐ The date of receipt of the demand is AFTER the expiration of 19 months from the priority date and item 4 or 5, below, does not apply.

☐ The applicant has been informed accordingly.

4. ☐ The date of receipt of the demand is WITHIN the period of 19 months from the priority date as extended by virtue of Rule 80.5.

5. ☐ Although the date of receipt of the demand is after the expiration of 19 months from the priority date, the delay in arrival is EXCUSED pursuant to Rule 82.

For International Bureau use only

Demand received from IPEA on:

## PCT

## FEE CALCULATION SHEET

Annex to the Demand for international preliminary examination

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">International application No.</td> <td style="width: 70%;">PCT/US00/03585</td> </tr> <tr> <td>Applicant's or agent's file reference</td> <td>770P009588WO</td> </tr> </table>	International application No.	PCT/US00/03585	Applicant's or agent's file reference	770P009588WO	<div style="border: 1px solid black; padding: 5px; text-align: center;"> For International Preliminary Examining Authority use only </div> <div style="border: 1px solid black; height: 150px; margin-top: 10px;"> Date stamp of the IPEA </div>
International application No.	PCT/US00/03585				
Applicant's or agent's file reference	770P009588WO				
Applicant <b>Ascom Hasler Mailing Systems, Inc. et al.</b>					
<b>Calculation of prescribed fees</b>					
1. Preliminary examination fee .....	490.00 <span style="border: 1px solid black; padding: 0 5px;">P</span>				
2. Handling fee <i>(Applicants from certain States are entitled to a reduction of 75% of the handling fee. Where the applicant is (or all applicants are) so entitled, the amount to be entered at H is 25% of the handling fee.)</i> .....	153.00 <span style="border: 1px solid black; padding: 0 5px;">H</span>				
3. Total of prescribed fees Add the amounts entered at P and H and enter total in the TOTAL box .....	<div style="border: 1px solid black; padding: 2px; display: inline-block;">643.00</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">TOTAL</div>				
<b>Mode of Payment</b>					
<input type="checkbox"/> authorization to charge deposit account with the IPEA (see below)	<input type="checkbox"/> cash				
<input checked="" type="checkbox"/> cheque	<input type="checkbox"/> revenue stamps				
<input type="checkbox"/> postal money order	<input type="checkbox"/> coupons				
<input type="checkbox"/> bank draft	<input type="checkbox"/> other (specify):				
<b>Deposit Account Authorization</b> <i>(this mode of payment may not be available at all IPEAs)</i>					
The IPEA/ <u>US</u> <input type="checkbox"/> is hereby authorized to charge the total fees indicated above to my deposit account.					
<input checked="" type="checkbox"/> <i>(this check-box may be marked only if the conditions for deposit accounts of the IPEA so permit)</i> is hereby authorized to charge any deficiency or credit any overpayment in the total fees indicated above to my deposit account.					
16-1350 Deposit Account Number	2 October 2000 Date (day/month/year)				
<div style="display: inline-block; width: 150px;"> </div> Signature					

The receiving Office has found ☐ with regard to the presentation of the drawings of an international application as filed, the physical requirements are not complied with to the extent that compliance therewith is necessary for:

1. ☐ reasonably uniform international publication (Rules 11 and 26.3(a)(i)) (defects to be specified):

**Sheets containing drawings:**

- a. ☐ the sheets do not admit of direct reproduction.
- b. ☐ the sheets are not free from creases, cracks, folds.
- c. ☐ one side of the sheets is not left unused.
- d. ☐ the paper of the sheets is not flexible/strong/white/smooth/non-shiny/durable.
- e. ☐ the drawings do not commence on a new sheet.
- f. ☐ the sheets are not connected as prescribed (Rule 11.4(b)).
- g. ☐ the sheets are not A4 size (29.7cm x 21cm).
- h. ☐ the minimum margins on the sheets are not as prescribed (top: 2.5cm; left side: 2.5cm; right side: 1.5cm; bottom: 1cm).
- i. ☐ the file reference number indicated on the sheets does not appear in the left-hand corner of the sheets, within 1.5cm of the top of the sheets.
- j. ☐ the file reference number exceeds the maximum of 12 characters.
- k. ☐ the sheets are not free from frames around usable or used surfaces.
- l. ☒ the sheets are not numbered in consecutive Arabic numerals (e.g. 1/3, 2/3, 3/3).
- m. ☐ the sheet numbers are not centered at the top or bottom of the sheets.
- n. ☐ the sheet numbers are in the margin (see h. above for the size of the margins).
- o. ☐ the sheets contain alterations/overwritings/interlineations/too many erasures.
- p. ☐ the sheets contain photocopy marks.

**Drawings (Rule 11.13):**

- a. ☐ do not admit of direct reproduction.
- b. ☐ contain unnecessary text matter.
- c. ☐ contain words so placed as to prevent translation without interference with lines thereof.
- d. ☐ are not executed in durable black color; the lines are not uniformly thick and well-defined.
- e. ☐ contain cross-sections not properly hatched.
- f. ☐ would not be properly distinguishable in reduced reproduction.
- g. ☐ contain scales not represented graphically.
- h. ☐ contain numbers, letters and reference lines lacking simplicity and clarity.
- i. ☐ contain lines drafted without the aid of drafting instruments.
- j. ☐ contain disproportionate elements of a figure not necessary for clarity.
- k. ☐ contain numbers and letters of height less than 0.32 cm.
- l. ☐ contain letters not conforming to the Latin, and where customary, Greek alphabets.
- m. ☐ contain figures on two or more sheets which form a single complete figure but which are not able to be assembled without concealing parts thereof.
- n. ☐ contain figures which are not properly arranged and clearly separated.
- o. ☐ contain different figures not numbered in consecutive Arabic numerals.
- p. ☐ contain different figures not numbered independent of the numbering of the sheets.
- q. ☐ are not restricted to reference signs mentioned in the description.
- r. ☐ do not contain reference signs that are mentioned in the description.
- s. ☐ contain the same feature denoted by different reference signs.
- t. ☐ are not arranged in an upright position, clearly separated from one another.
- u. ☐ are not presented sideways with the top of the figures at the left side of the sheets.

2. ☐ satisfactory reproduction (Rules 11 and 26.3(b)(i)).

Further observations (if necessary):

*New Drawings are required*

The receiving Office found the following defects in the international application:

1. As to signature\* of the international application (Rules 4.15 and 90.4), the request:

- a. ☐ is not signed.
- b. ☐ is not signed by all the applicants.
- c. ☐ is not accompanied by the statement referred to in the check list in Box No. VIII of the request explaining the of the signature of an applicant for the designation of the United States of America.
- d. ☒ is signed by what appears to be an agent/common representative but
  - ☐ the international application is not accompanied by a power of attorney appointing him.
  - ☐ the power of attorney accompanying the international application was not signed by all the applicants.
- e. ☒ other (specify): The signature is also required for the applicant/inventor.

\* All applicants must sign, including inventors if they are also applicants (e.g. where the United States of America is designated).

2. As to indications concerning the applicant, the request (Rules 4.4 and 4.5):

- a. ☐ does not properly indicate the applicant's name (specify):
- b. ☐ does not indicate the applicant's address.
- c. ☐ does not properly indicate the applicant's address (specify):
- d. ☐ does not indicate the applicant's nationality.
- e. ☐ does not indicate the applicant's residence.
- f. ☐ other (specify):

3. As to the language of some parts of the international application (Rule 12.1):

- a. ☐ the request is not in (one of) the admitted language(s) which is (are):
- b. ☐ the text matter of the drawings is not in (one of) the admitted language(s) which is (are):
- c. ☐ the abstract is not in (one of) the admitted language(s) which is (are):

4. The title of the invention:

- a. ☐ is not indicated in Box No. 1 of the request (Rule 4.1(a)).
- b. ☐ is not indicated at the top of the first sheet of the description (Rule 5.1(a)).
- c. ☐ as appearing in Box No. 1 of the request is not identical with the title heading the description (Rule 5.1(a)).

5. As to the abstract (Rule 8):

- ☐ the international application does not contain an abstract.